Glenrich INTERNATIONAL SCHOOL | School of Life Uttara

Revision Worksheet-3
Grade: 5
Subject: Mathematics
Topic: Sequence

Name: **Sec:**

Date: ____/_____/_____

Teacher's Sign:

Q1.

For each of these infinite sequences, write down:

i the term-to-term rule ii the next two terms

a 2, 4, 6, 8, ☐, ☐ b 1, 4, 7, 10, ☐, ☐

c 5, 9, 13, 17, ☐, ☐ d 3, 8, 13, 18, ☐, ☐

Q2.

Copy these finite sequences and fill in the missing terms.

a 2, 5, ☐, 11, ☐, 17, 20 b 5, 11, 17, ☐, ☐, 35, ☐

Q3.

Write down whether each of these sequences is finite or infinite.

a 4, 6, 8, 10, … b 3, 5, 7, 9, 11, 13, 15

Q4. Write down the first three terms of this sequence.

b First term is 10. Term-to-term rule is: Subtract 8 then multiply by 6.

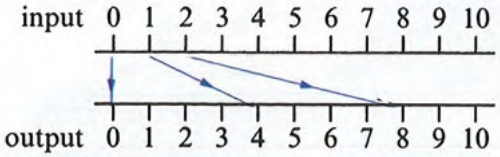
Q5.

For each of these sequences, work out its *n*th term rule.

a 5, 10, 15, 20, 25, … b 8, 16, 24, 32, 40, … c 15, 30, 45, 60, 75, …

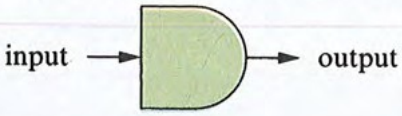
Q6.

Tarun draws this mapping diagram for a function.



Copy and complete this function machine and table of values for the same function.

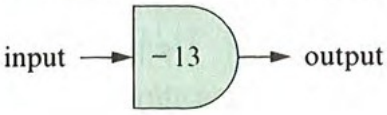
Input			
Output			



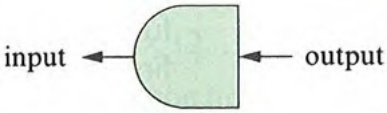
Q7.

Copy and complete these inverse function machines and tables of values.

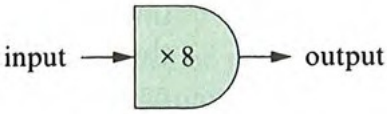
a



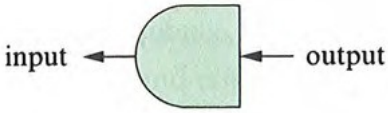
Input			
Output	7	12	38



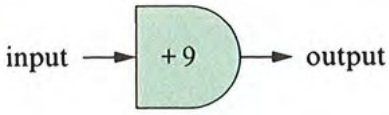
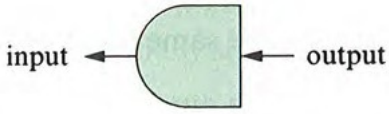
b



Input			
Output	24	56	120



c



Input			
Output	17	24	45